

What is claimed is :

1. A detachable entrance and exit gate with a combined commodity burglarproofing and small arms detecting system, comprising:

a detachable entrance and exit gate with a pair of vertical type panels which are oppositely disposed inside of an entrance and exit door;

a central processing unit connected with transmitting and receiving signal frequency coil portions;

an image-receiving device, a warning flare and a photographing device which are controlled by the central processing unit,

wherein the transmitting and receiving coil portions comprise:

a small arms detecting transmitting coil portion and a commodity burglarproofing transmitting coil portion interiorly installed at one of the vertical type panels of the entrance and exit gate; and

a small arms detecting receiving coil portion and a commodity burglarproofing receiving coil portion interiorly installed at the other vertical type panel of the entrance and exit gate;

wherein a variation existing between a frequency zone of the small arms detecting transmitting and receiving coil portions and a frequency zone of the commodity burglarproofing transmitting and receiving coil portions can be largely established, resulting in no mutual interference.

2. The detachable entrance and exit gate of claim 1, wherein the pair of vertical panels are thin, substantially planar, elongated rectilinear members having a curved upper end.

3. The detachable entrance and exit gate of claim 1, wherein the vertical panels each include a side having a rectilinear shape.
4. The detachable entrance and exit gate of claim 1, wherein the vertical panels each include a side having a curvilinear shape.
5. The detachable entrance and exit gate of claim 1, wherein the vertical panels each include a side having a combined rectilinear curvilinear shape.
6. The detachable entrance and exit gate of claim 1, wherein the gate comprises at least one of ultraviolet, ultrasound, and heating-sensing means to facilitate said detecting.
7. A detachable entrance and exit gate with a combined commodity burglarproofing and small arms detecting system, comprising:
 - a pair of oppositely disposed vertical panels;
 - a small arms detecting transmitting coil portion;
 - a commodity burglarproofing transmitting coil portion;
 - a small arms detecting receiving coil portion; and
 - a commodity burglarproofing receiving coil portion;wherein the small arms detecting transmitting coil portion and the commodity burglarproofing transmitting coil portion are both disposed at an interior of a first panel of the pair of vertical panels;
 - wherein the small arms detecting receiving coil portion and the commodity burglarproofing receiving coil portion are both disposed at an interior of a second panel

of the pair of vertical panels; and

wherein the first panel includes a first upper end and the second panel includes a second upper end, the first and second upper ends extending freely, not connected to one another.

8. The detachable entrance and exit gate of claim 7, wherein a variation existing between a frequency zone of the small arms detecting transmitting and receiving coil portions and a frequency zone of the commodity burglarproofing transmitting and receiving coil portions can be largely established, resulting in no mutual interference.

9. The detachable entrance and exit gate of claim 7, wherein the pair of vertical panels are thin, substantially planar, elongated rectilinear members having a curved upper end.

10. The detachable entrance and exit gate of claim 7, wherein the vertical panels each include a side having a rectilinear and/or curvilinear shape.